





# Global Maritime Presence Ensures U.S. Prosperity

## Surface Ships



**Ships**

- **Large volume** maritime warfighting capacity
- **Overt**; ideal for “signaling”
- **Inspection and boarding** operations

## Naval Air Forces



**Aircraft Carriers**



**Aircraft**

- **High speed** reaction
- Ability to **reach far inland**
- **Repeat missions** (“reload”) with a “Man in the loop”
- **Highly flexible** operations

## Undersea Forces



**Attack and Guided  
Missile Submarines**



**Ballistic Missile  
Submarines**

- Flexible and **survivable nuclear deterrent**
- Capable of **undetected operations** (intel)
- **Can penetrate** deep into enemy waters
- Capable of long-endurance **independent offensive operations** far forward

Since WWII, the U.S. Navy has used its global dominance to stabilize the world's maritime commons, permitting the greatest expansion of trade, prosperity and living standards in history

## **US Submarine Force**

- ~10% of Navy Personnel
- ~25% of Warships
- ~13% of Navy Budget
- ~50% of accountable nuclear warheads
  - ~70% under New START
- 100% of survivable warheads
- Over 4000 SSBN patrols completed (over 1100 Trident patrols)



# Command Responsibilities



**Commander Submarine Forces**



**Commander, Submarine Force Atlantic**



**Commander, Allied Submarine Command**



**Commander Task Force 144**



**Commander Task Force 84.2**

**Commander Task Force 46**



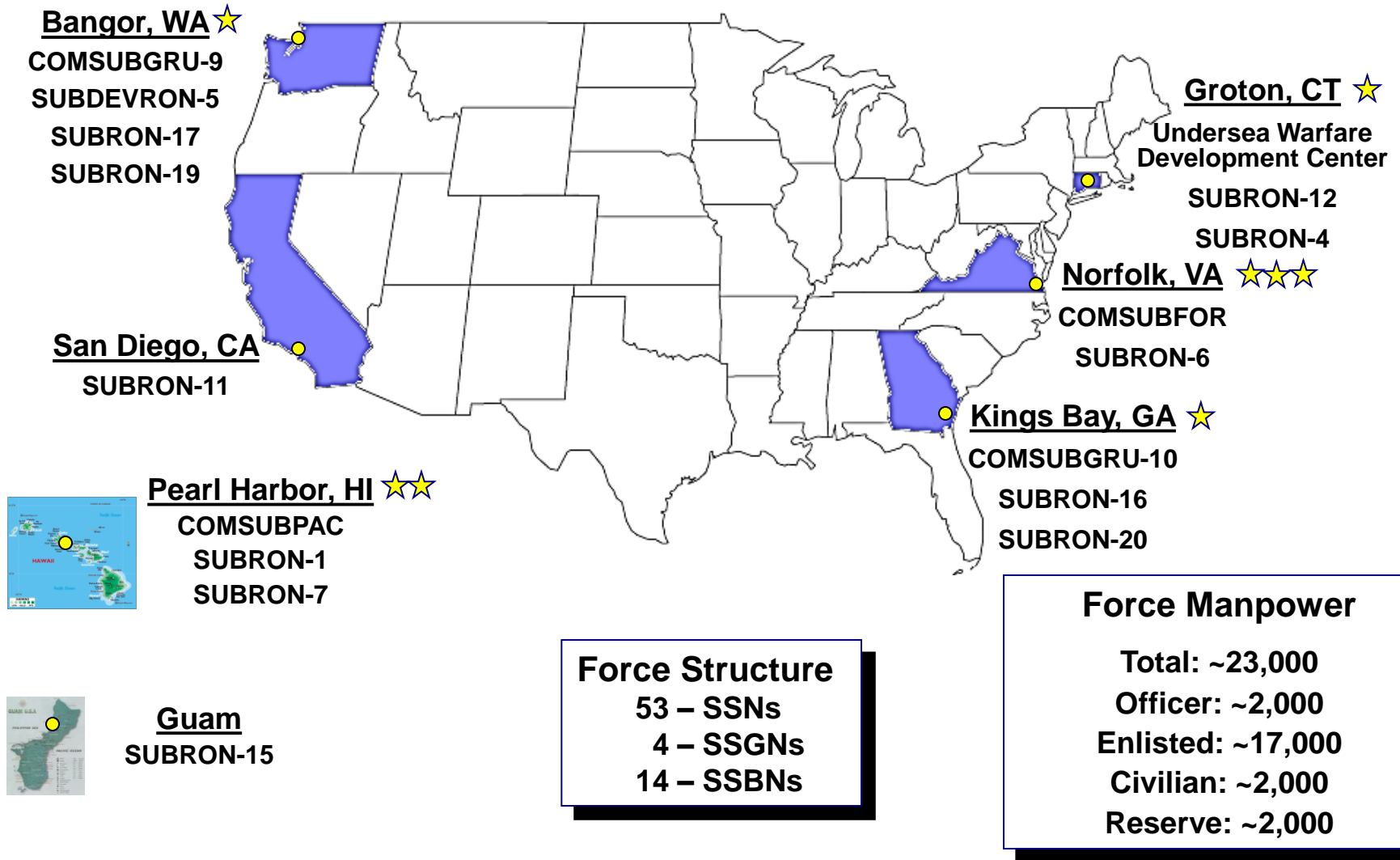
# Submarine Force Platforms

|   |  |
|---|--|
| <br><b>SSBN and SSGN</b>     | <b>OHIO Class ~150 Crew</b><br>Length: 560 ft, Beam: 42 ft<br>Displacement: Approx. 18,750 tons<br>Speed: 20+ knots  |
|                              | <b>OHIO Replacement</b><br>Construction to begin in 2021   |
| <br><b>VA Class Blk I-IV</b> | <b>VIRGINIA Class ~135 Crew</b><br>Length: 377 ft, Beam: 34 ft<br>Displacement: Approx. 7,800 tons<br>Speed: 25+ knots   |
| <br><b>Blk V</b>             |  |
| <br><b>SSN 21-22</b>        | <b>SEAWOLF Class ~ 140 Crew</b><br>Length: (SSN 21-22) 353 ft / (SSN 23) 453 ft ,<br>Beam: 40 ft<br>Displacement: Approx. 9,100 tons / 12,200 tons<br>Speed: 25+ knots |
| <br><b>SSN 23</b>           |  |
| <br><b>688 - 688I</b>       | <b>LOS ANGELES Class ~140 Crew</b><br>Length: 360 ft, Beam: 33 ft<br>Displacement: Approx. 6,900 tons<br>Speed: 20+ knots  |

... Running 25% of the Navy's Combatants



# Submarine Force Homeports







# Submarine Force Mission Areas

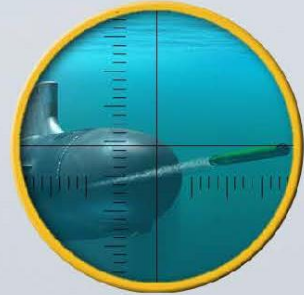
***Strike***



***Strategic Deterrence***



***ASW***



***SOF***



***ISR***



***ASUW***



***Counter Drug Ops***



***Mine Warfare***



# Owning the Undersea Domain

## We deliver value *every single day*

- Sea-Based Strategic Deterrence
  - ✓ New START: ~50% to ~70% of accountable nuclear warheads
  - ✓ Only survivable leg of nuclear TRIAD
  - ✓ Preventing major power war for 7 decades
- Far forward, persistent, covert posture
  - ✓ Non-provocative influence to deter and de-escalate potential conflicts
  - ✓ Undersea and cross-domain Intelligence, Surveillance, and Reconnaissance
  - ✓ Real-time warning to U.S. leadership
  - ✓ Presence permits rapid transition from peacetime

## Ready for *decisive operations and combat*

- The key that unlocks the adversary's Anti-Access / Area Denial (A2AD) door
- Operating inside adversary defenses
- Access that “sets the table” for Joint Forces
- Stealth and surprise at the time and place of our choosing

**Expanding the decision space for National Leadership**

# Backup Slides

